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CONVENTIONAL BLOTTING **NO-BLOT ANALYSIS** Step 1 Step 1 Loading Sample Loading Sample Electrophoresis in Step 2 Step 2 Sieving Medium Denature Denature and Step 3 Hybridize with Labeled Step 3 Neutralize DNA Medium **PNA Probe** Step 4 Transfer to Membrane Electrophoresis in Step 4 Sieving Medium Hybridize with Labeled Step 5 Step 5 Detection Probe Step 6 Stringency Washes Step 7 Detection

FIGURE 1

BY CLASS SUBCLASS

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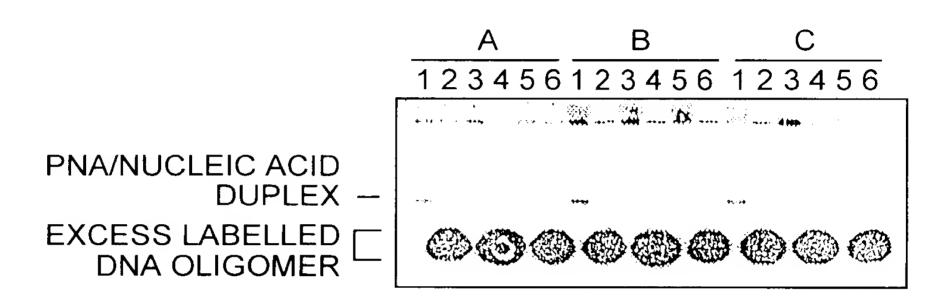


FIGURE 2A

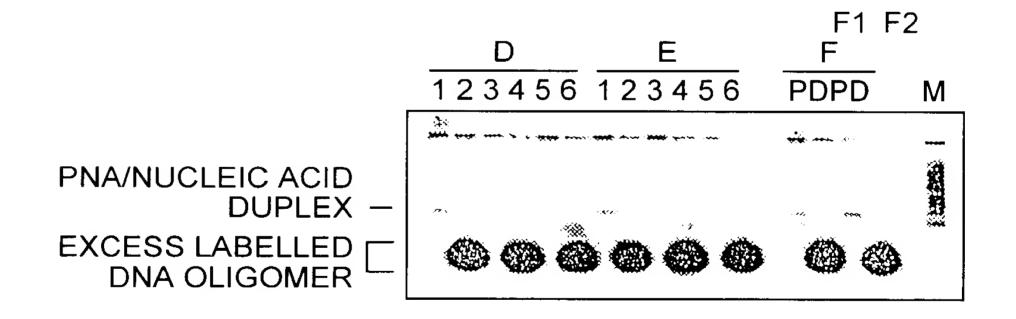


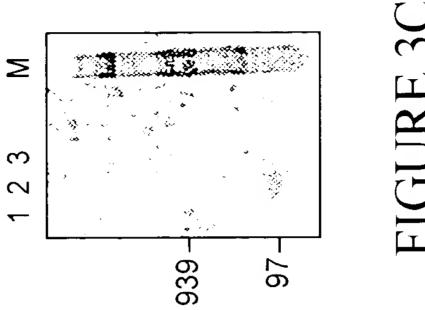
FIGURE 2B

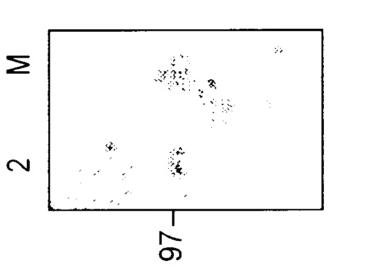
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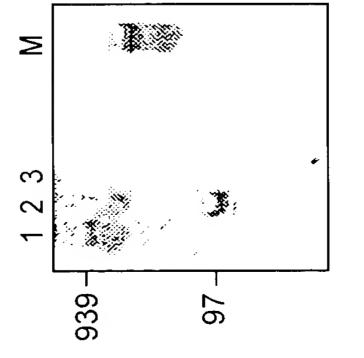
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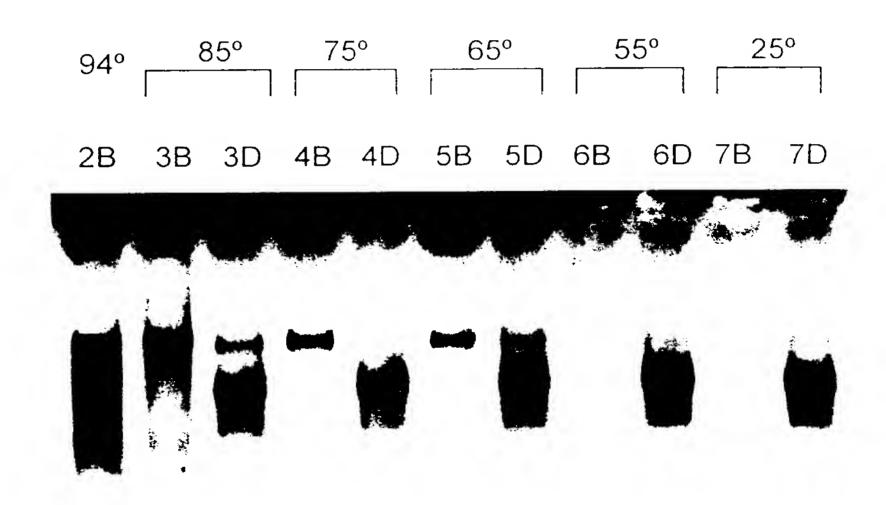


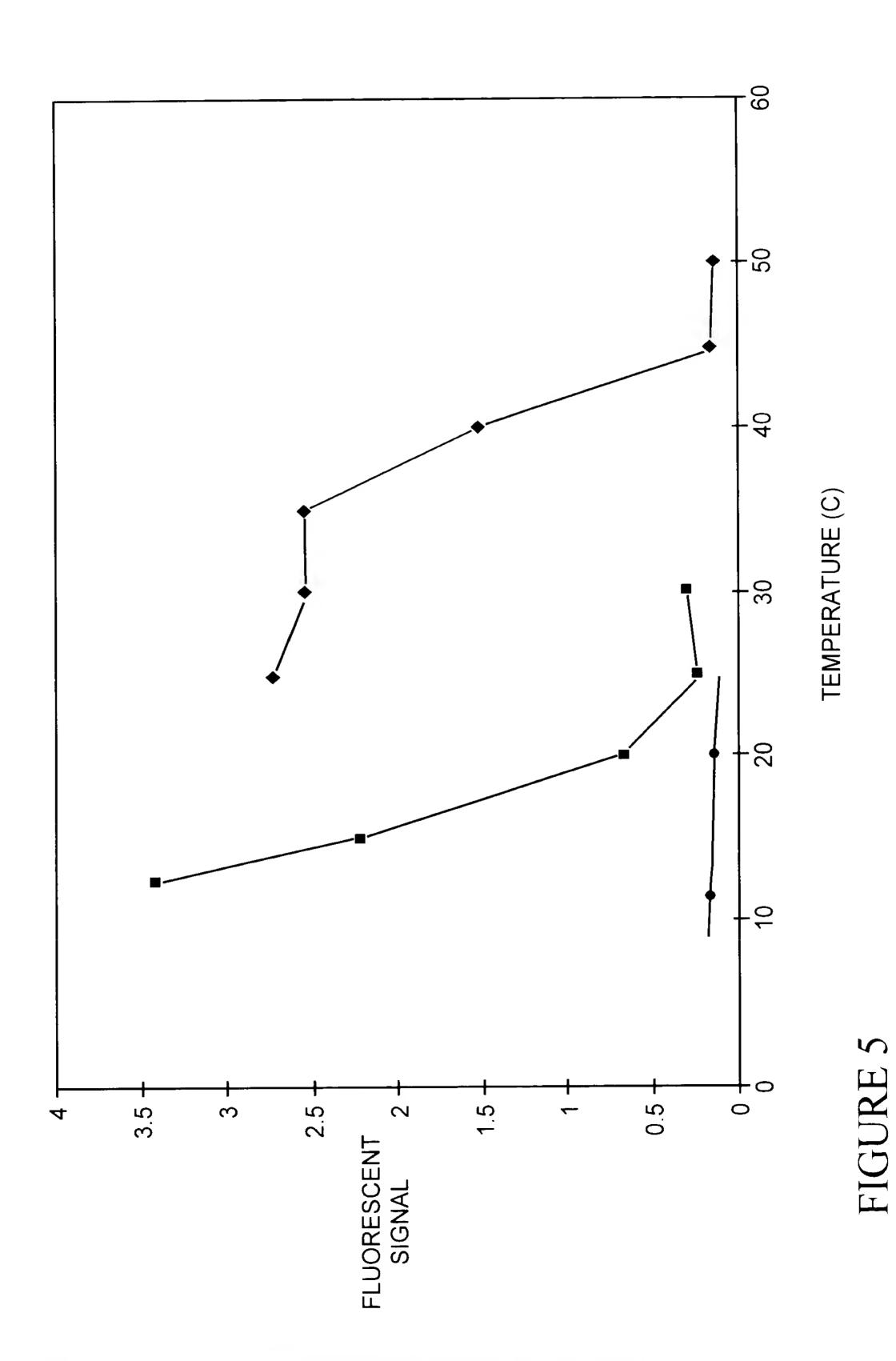
FIGURE 4

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\end{array}$ $197 BP \longrightarrow \\
FIGURE 4A \qquad FIGURE 4B$

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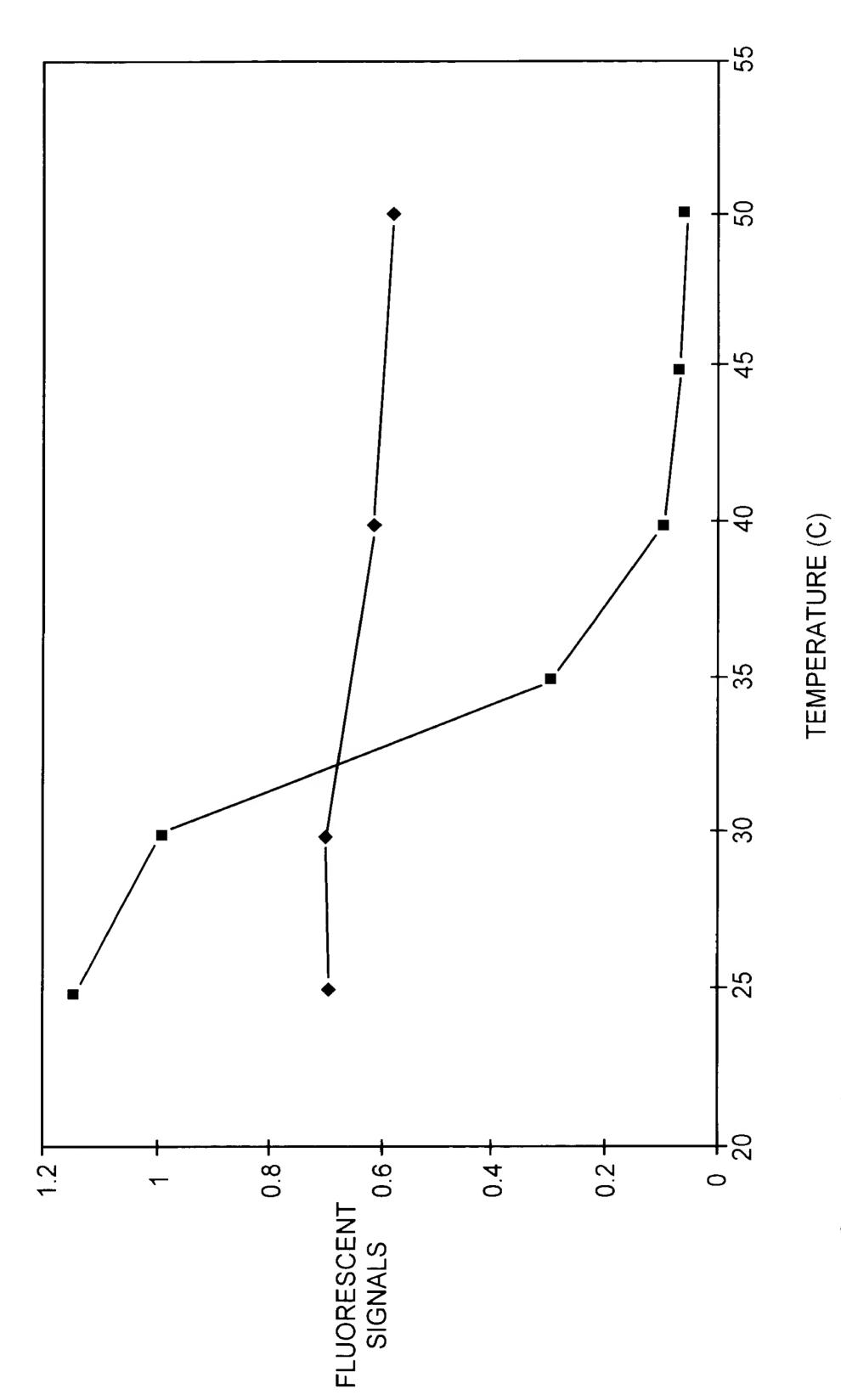
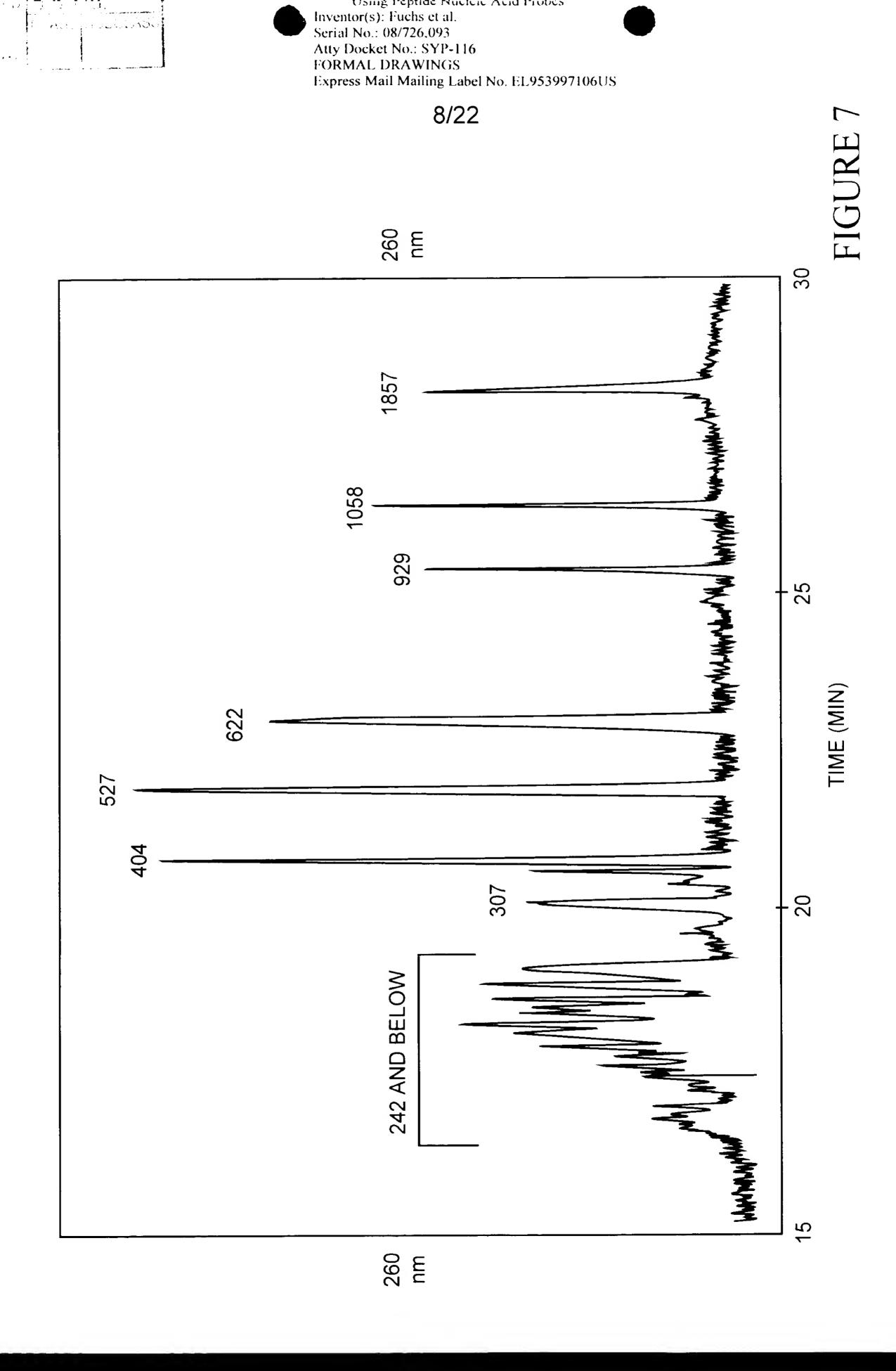


FIGURE 6



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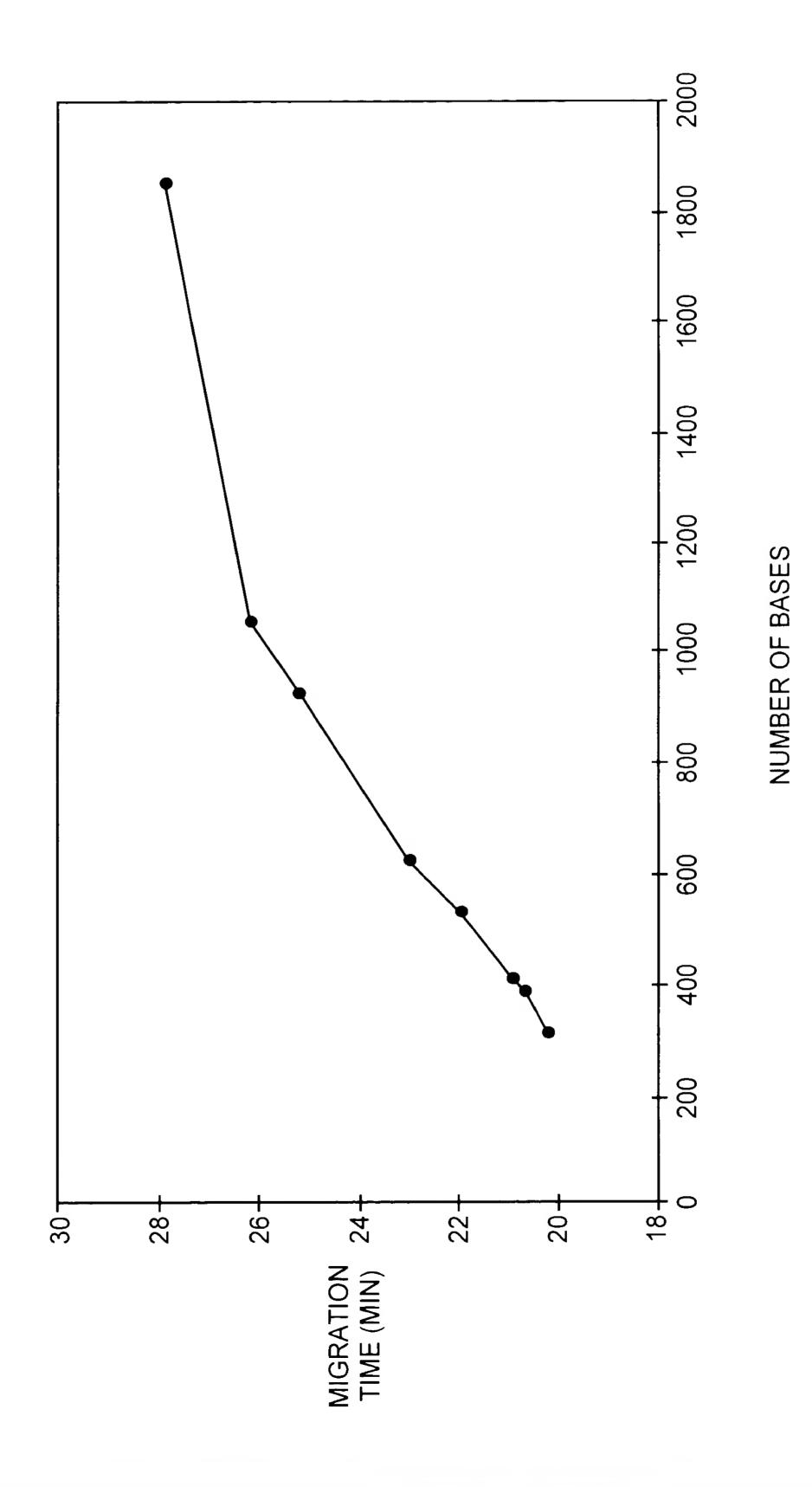
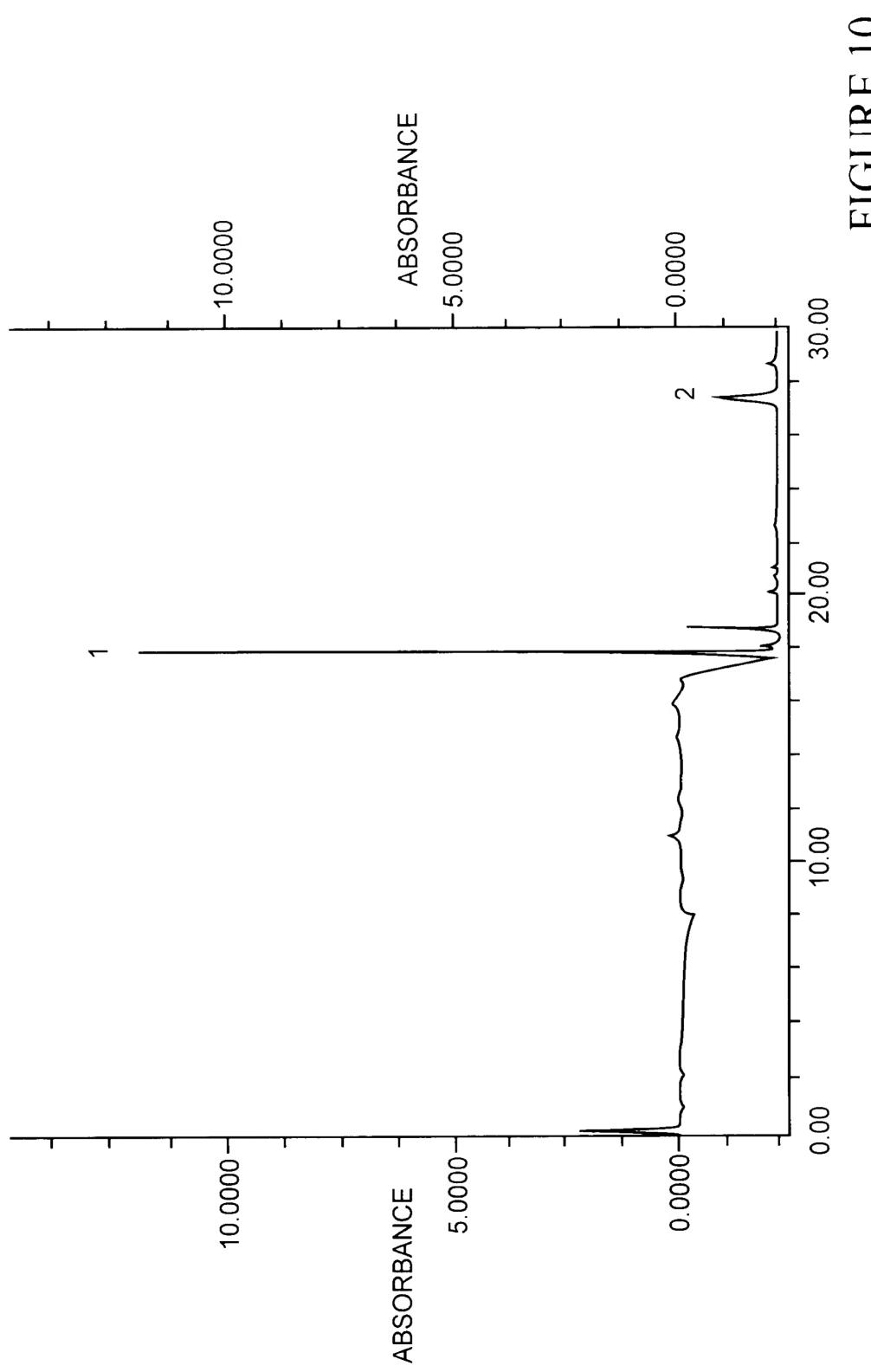


FIGURE 8

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OSSIGN Peptide Nucleic Acid Probes
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FIGURE 11

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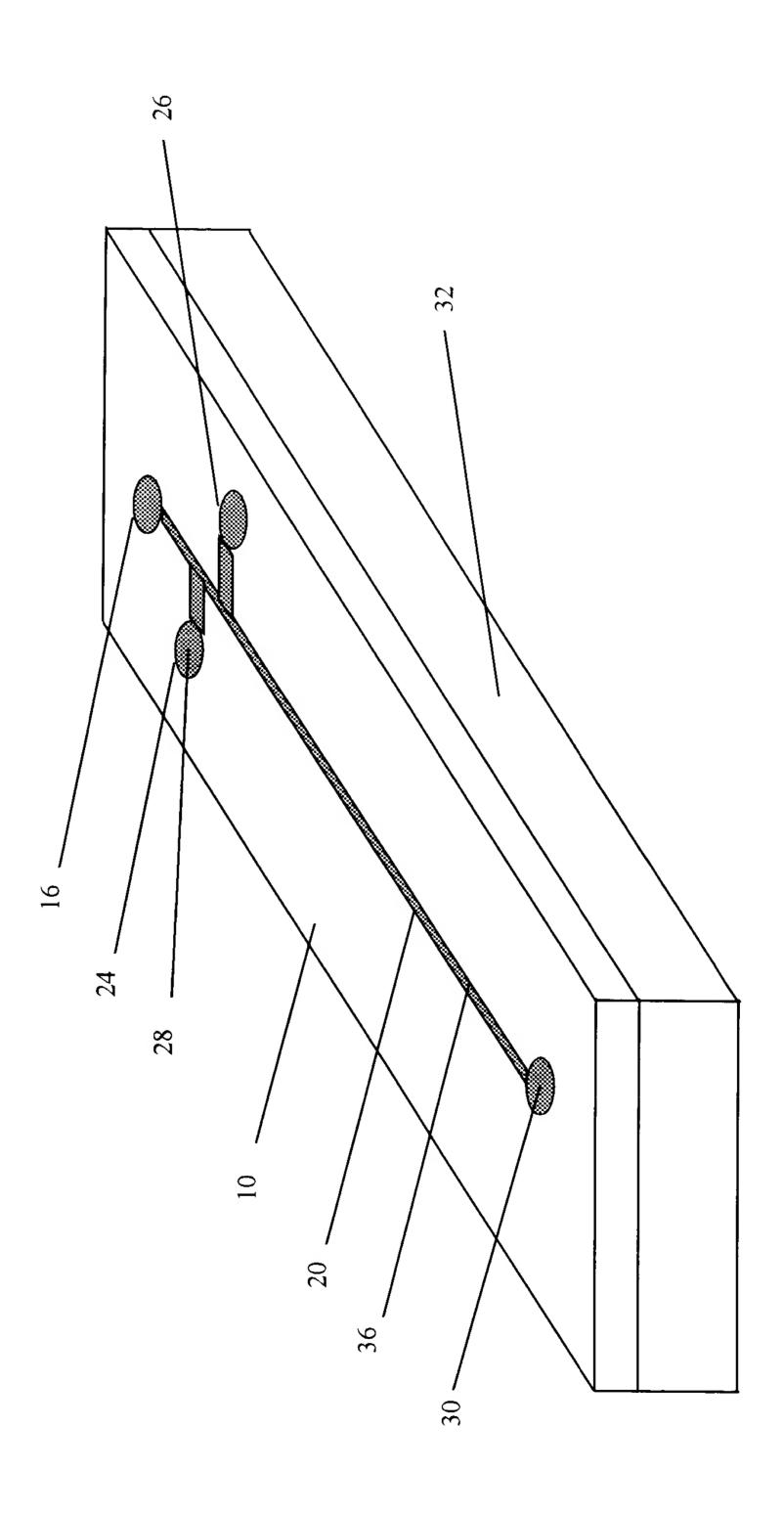


FIGURE 12

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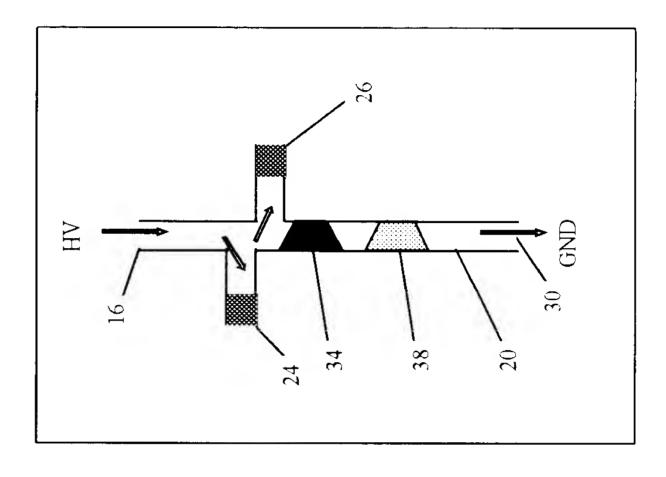


FIGURE 13B

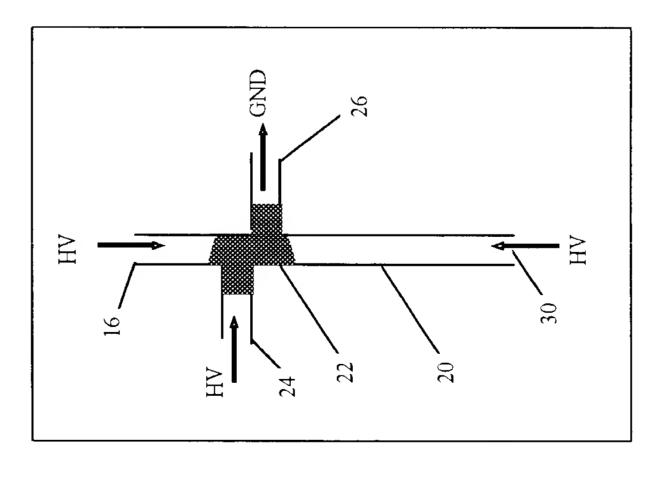
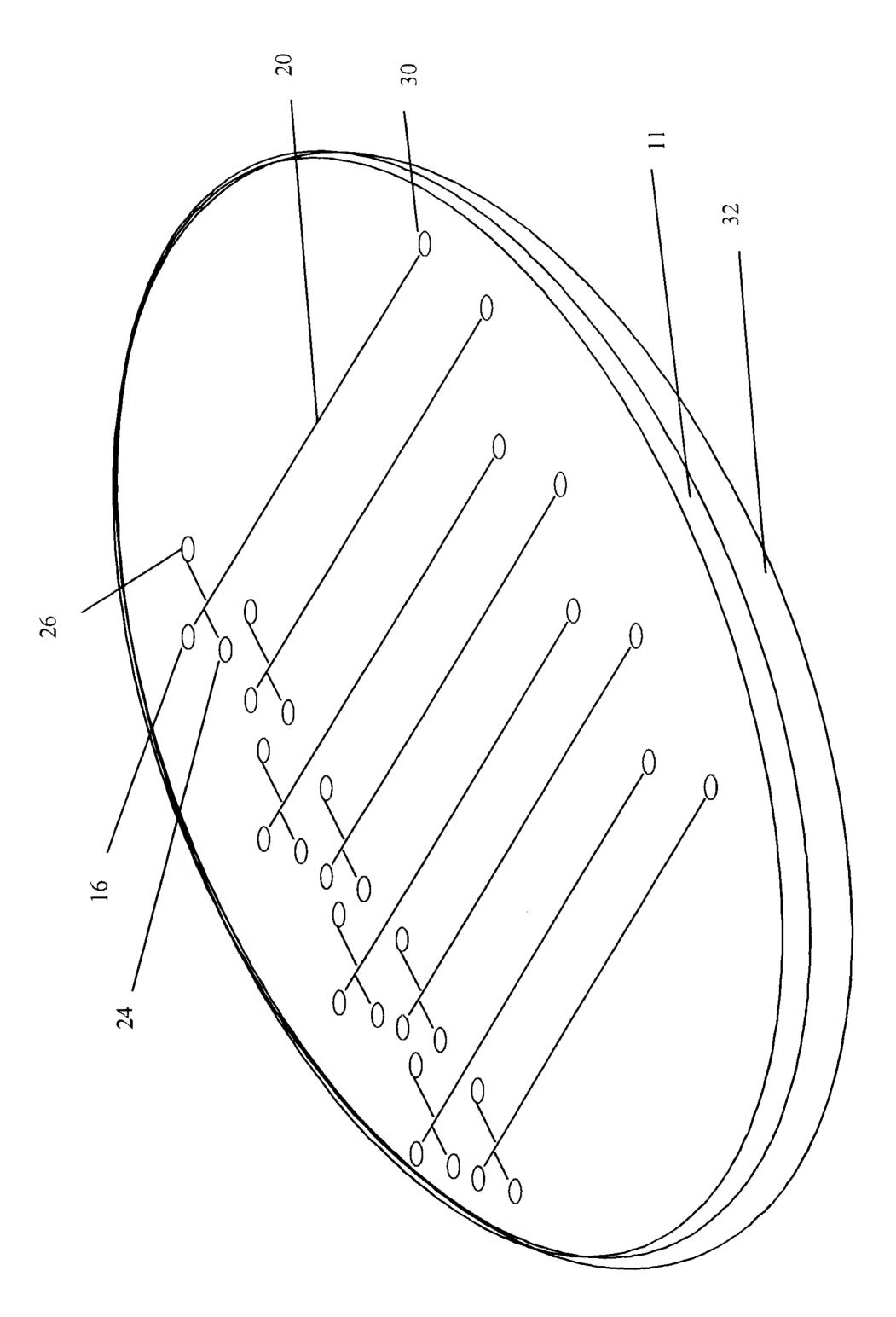


FIGURE 13A

 $\mathbf{F}(\mathbb{N})$



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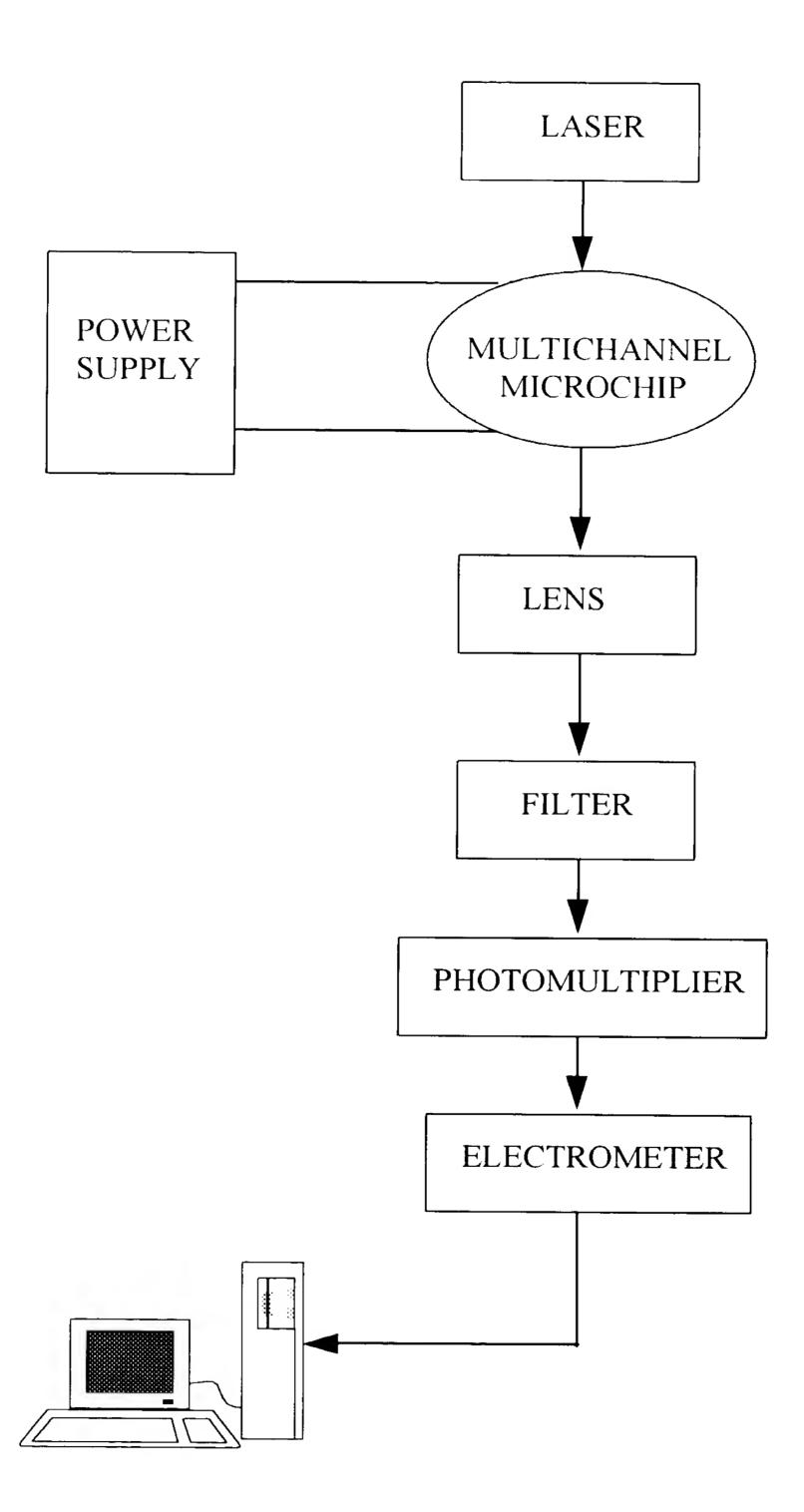
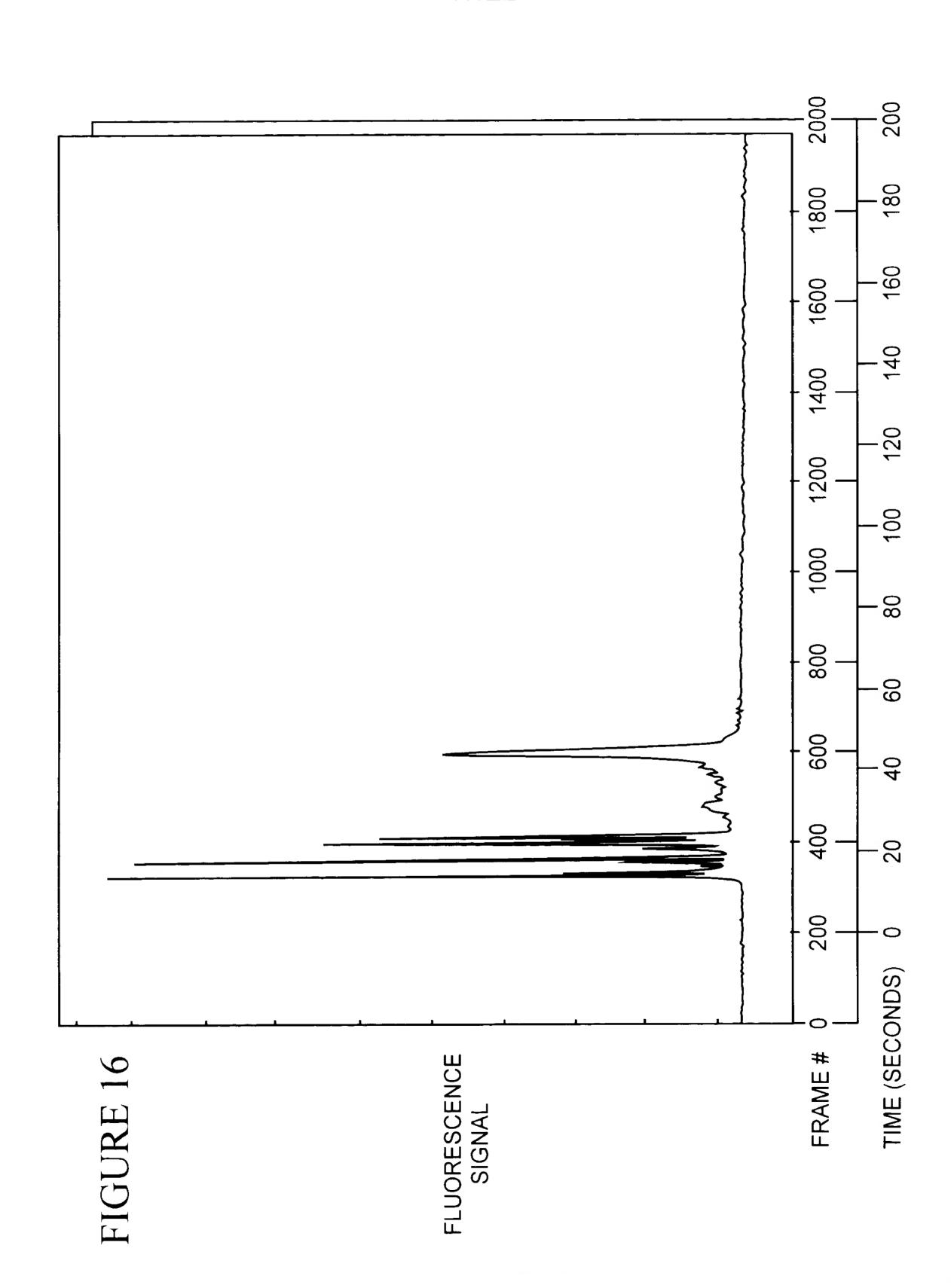


FIGURE 15

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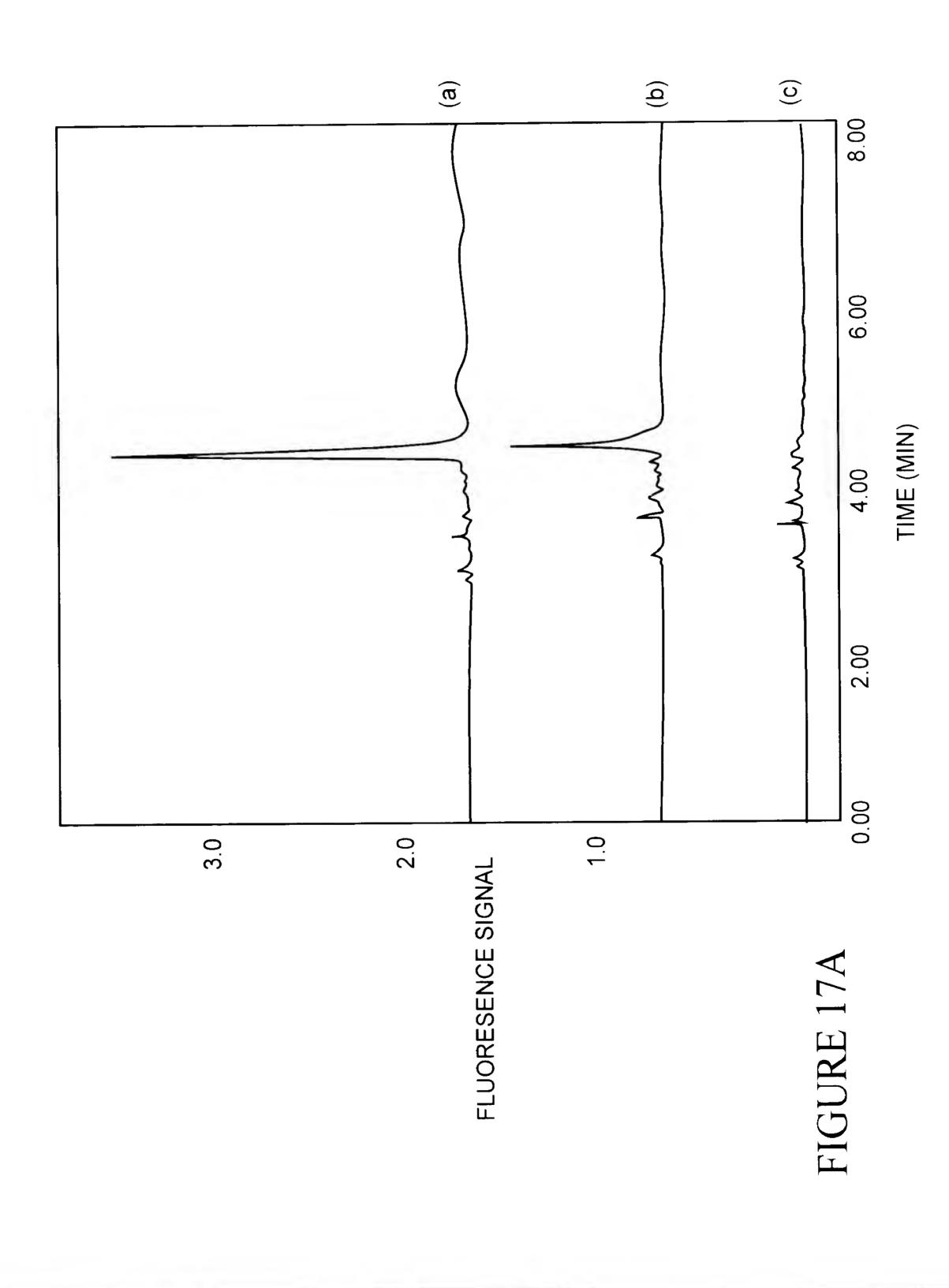
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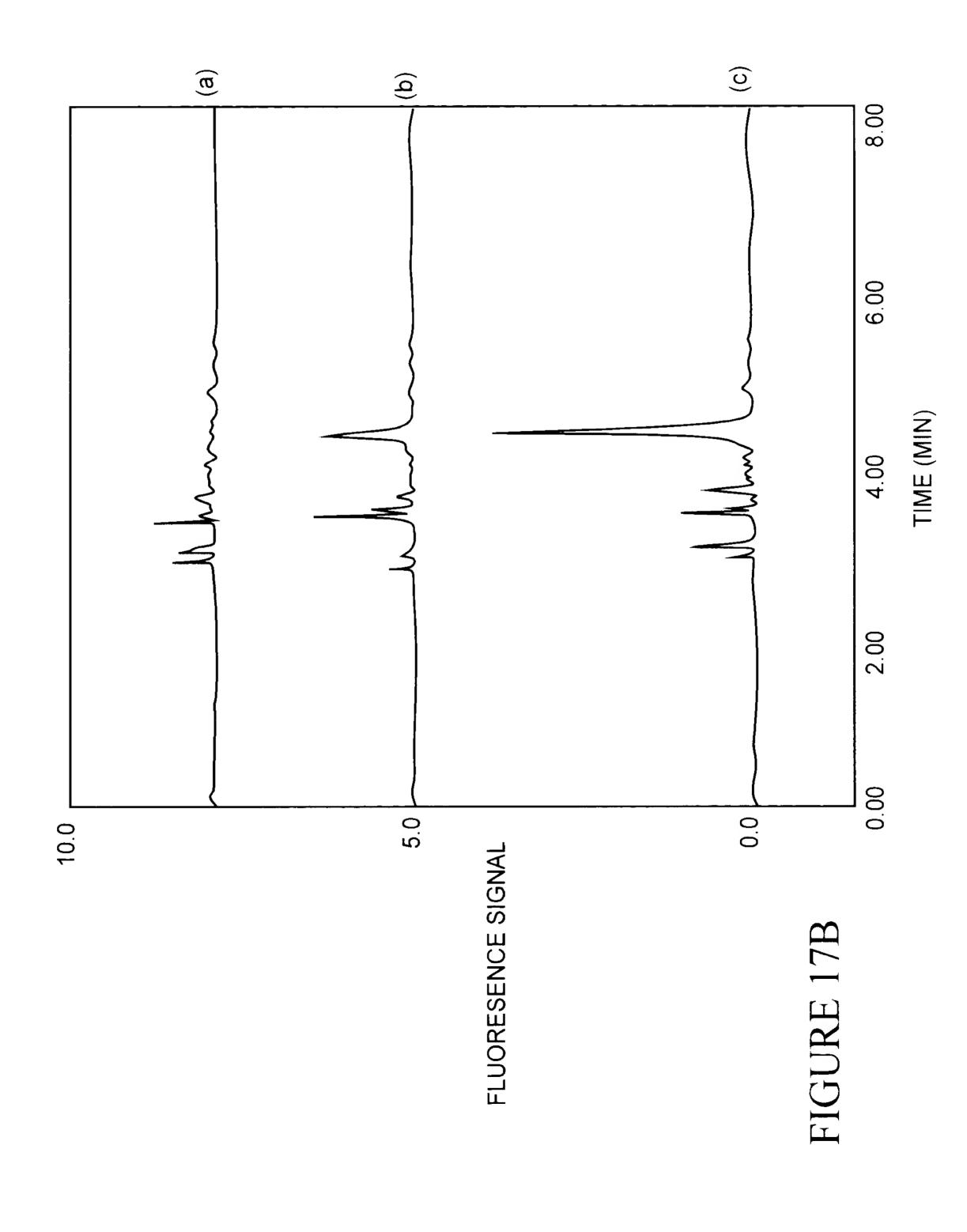


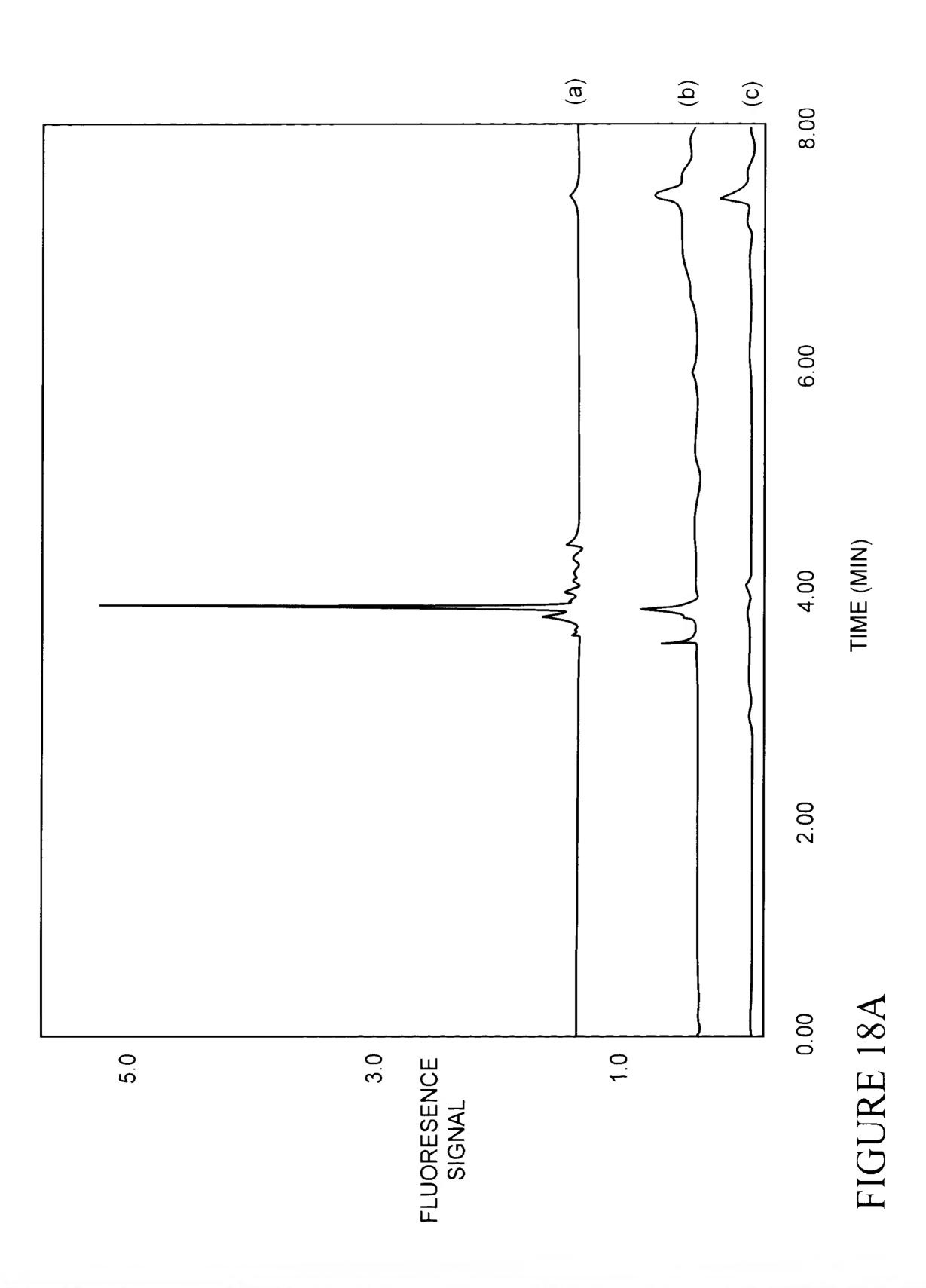
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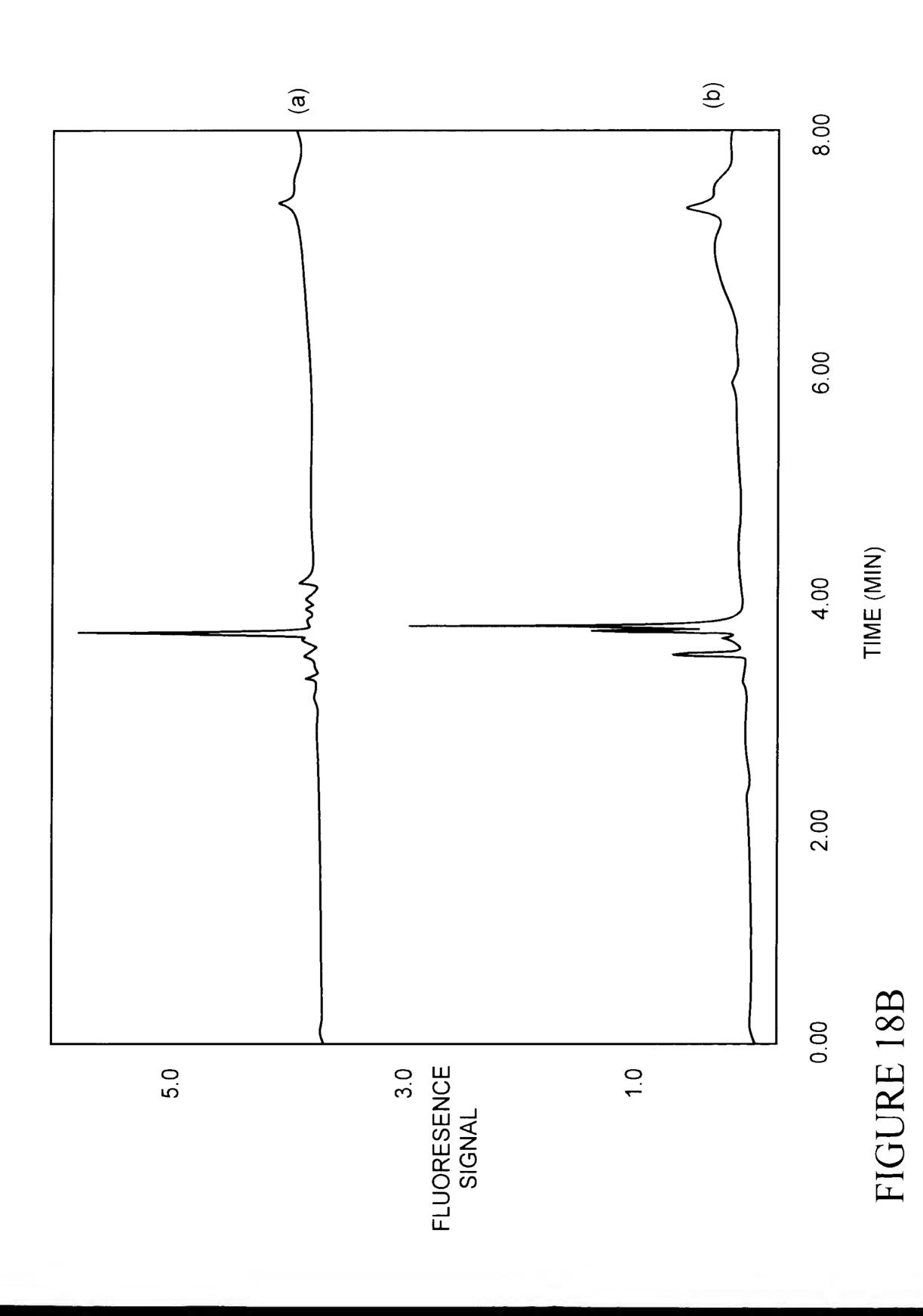
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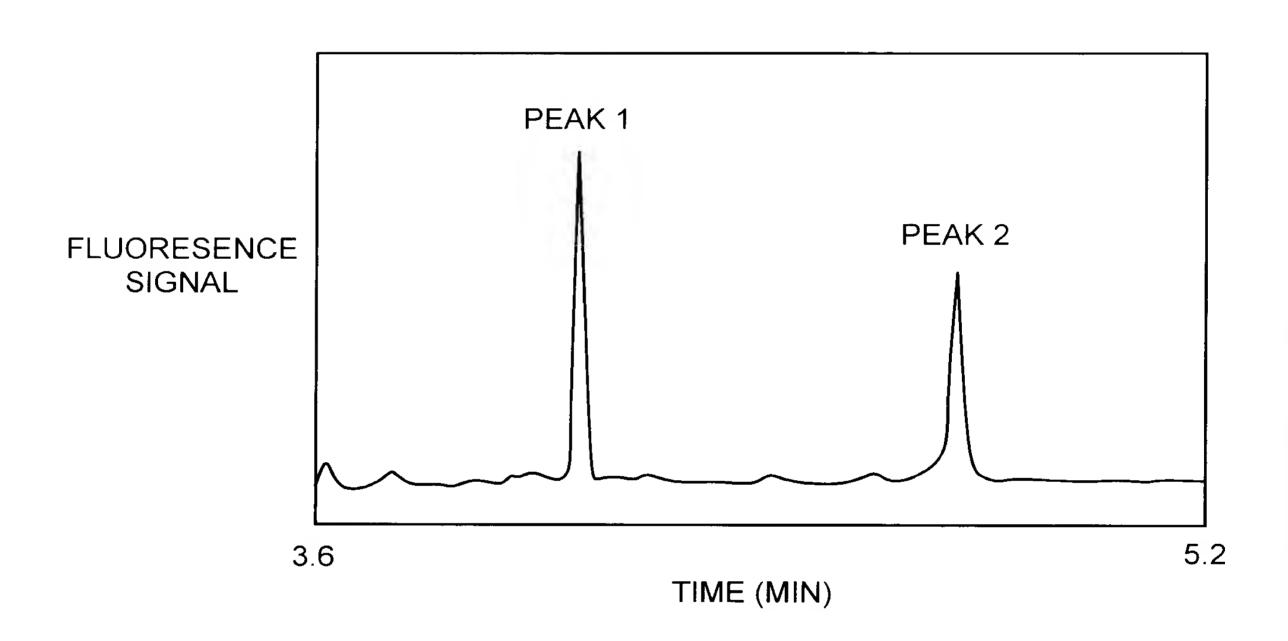


FIGURE 19